

0LL (ORIGINAL IMAGE TILE)

DECOMPOSITION LEVEL 0

1LL	1HL
1LH	1HH

DECOMPOSITION LEVEL 1

FIG.2C

2LL	2HL	1HL
2LH	2HH	INL
1L	.H	1HH

DECOMPOSITION LEVEL 2

FIG.2D

3LL 3HL (0) (1) 3LH 3HH (1) (1)	2HL (2)	1HL
2LH (2)	2HH (2)	(3)
1L (3		1HH (3)

DECOMPOSITION LEVEL 3

FIG.3

SOC MAIN HEADER

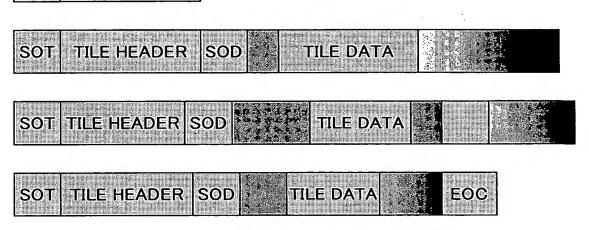


FIG.4

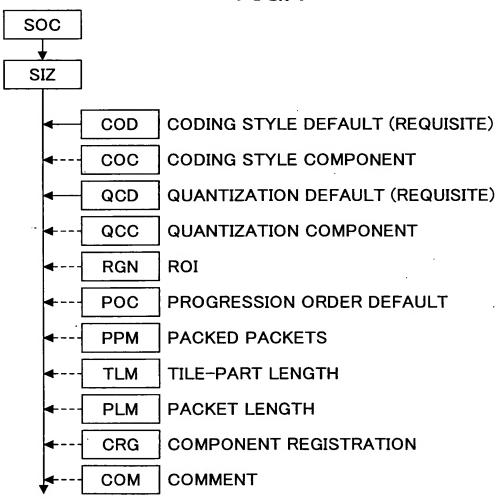
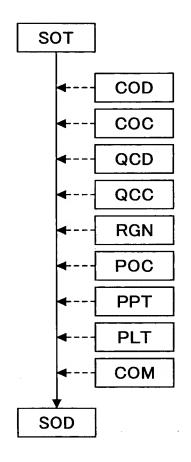


FIG.5A

FIG.5B



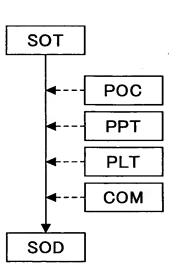


FIG.6

		NAME	CODE	MAIN HEADER	TILE-PART HEADER
DELIMITING MARKER SEGMENTS	START OF CODESTREAM START OF TILE-PART START OF DATA END OF CODESTREAM	SOC SOT SOD EOC	0xff4f 0xff90 0xff93 0xff49	0xff4fREQUISITENOT ALLOWED0xff90NOT ALLOWEDSTART MARKER0xff49NOT ALLOWEDNOT ALLOWED	NOT ALLOWED REQUISITE START MARKER NOT ALLOWED
FIXED INFORMATION MARKER SEGMENTS	IMAGE AND TILE SIZE	SIZ	0xff51	REQUISITE	NOT ALLOWED
FUNCTIONAL MARKER SEGMENTS	CODING STYLE DEFAULT CODING STYLE COMPONENT REGION-OF INTEREST QUANTIZATION DEFAULT QUANTIZATION COMPONENT	COD COC COC COC COC COC	0xff52 0xff53 0xff5e 0xff5c 0xff5d	REQUISITE OPTIONAL OPTIONAL REQUISITE OPTIONAL	OPTIONAL OPTIONAL OPTIONAL OPTIONAL OPTIONAL
POINTER MARKER SEGMENTS		TLM PLT PPM PPT	0xff55 0xff57 0xff58 0xff60 0xff61	0xff55 OPTIONAL 0xff57 OPTIONAL 0xff58 NOT ALLOWED 0xff60 OPTIONAL 0xff61 NOT ALLOWED	NOT ALLOWED NOT ALLOWED OPTIONAL NOT ALLOWED OPTIONAL
IN BIT STREAM MARKER SEGMENTS	START OF PACKET END OF PACKET HEADER	SOP EPH	0xff91 0xff92	0xff91 NOT ALLOWED 0xff92 NOT ALLOWED	OPTIONAL OPTIONAL
INFORMATION MARKER SEGMENTS	COMPONENT REGISTRATION COMMENT	CRG	0xff63 0xff64	OPTIONAL	OPTIONAL

FIG.7

SOT	Lsot	Isot	Psot	TPsot	TNsot	
						l

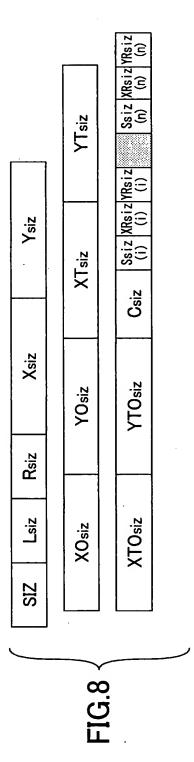


FIG.9

SPcod
SGcod
Scod
Lcod
СОО

FIG.10

coc	Lcoc	Ccoc Scoo	c SPcoc
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FIG.11

QCD	Lqcd	Sqcd	SPqcd (i)	SPqcc (n)	t
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FIG.12

QCC	Lqcc	Cqcc	Sqcc	SPqcc SPqcc (n)
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FIG.13

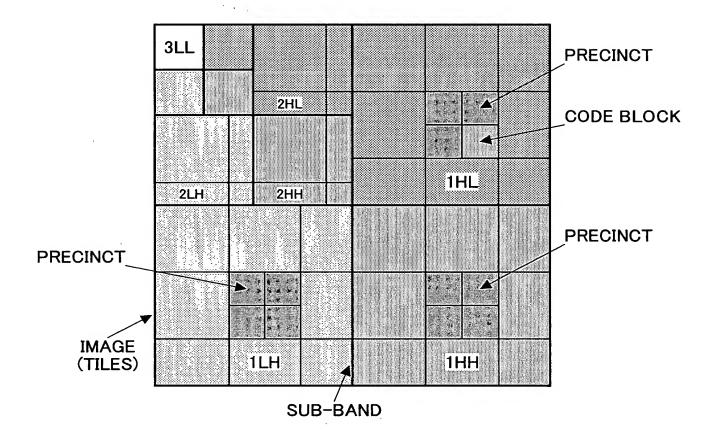


FIG.14

	(PA)	`	. ,	
PACKET 5 LAYER 0 RESOLUTION LEVEL 1 COMPONENT 2 PACKET 11 LAYER 0 RESOLUTION LEVEL 2 COMPONENT 1	. \	PACKET 23 LAYER 1 RESOLUTION LEVEL 1 COMPONENT 2 PRECINCT 0	PACKET 29 LAYER1 RESOLUTION LEVEL 2 COMPONENT 1 PRECINCT 1	PACKET 35 LAYER 2 RESOLUTION LEVEL 2 COMPONENT 2 PRECINCT 4
PACKET 0 PACKET 1 PACKET 2 PACKET 3 PACKET 4 PACKET 5 LAYER 0 RESOLUTION LEVEL 0 RESOLUTION LEVEL 0 RESOLUTION LEVEL 0 RESOLUTION LEVEL 1 RESOLUTION LEVEL 2 RESOLUTION LEVEL 3 R	PACKET 14PACKET 15PACKET 16PACKET 17LAYER 0LAYER 0LAYER 0RESOLUTION LEVEL 2RESOLUTION LEVEL 2RESOLUTION LEVEL 2COMPONENT 2COMPONENT 2COMPONENT 2PRECINCT 0PRECINCT 3	PACKET 20 LAYER 1 LAYER 1 LAYER 1 LAYER 1 RESOLUTION LEVEL 1 COMPONENT 2 COMPONENT 2 COMPONENT 2 PACKET 23 LAYER 1 LAYER 1 COMPONENT 2 COMPONENT 2 COMPONENT 2 PRECINCT 0 PRECINCT 0	PACKET 28 LAYER11 2 RESOLUTION LEVEL 2 COMPONENT 1 PRECINCT 0	PACKET 34 [LAYER 2 RESOLUTION LEVEL 2 COMPONENT 2 PRECINCT 3
PACKET 3 UAYER 0 RESOLUTION LEVEL COMPONENT 0 PRECINCT 0 PACKET 9 ILAYER 0 ILAYER 0 COMPONENT 0 COMPONENT 0	PACKET 15 LAYERO 2 RESOLUTION LEVEL COMPONENT 2 PRECINCT 1	PACKET 21 LAYER 1 0 RESOLUTION LEVEL COMPONENT 0 PRECINCT 0	PACKET 27 LAYER 1 RESOLUTION LEVEL COMPONENT 0 PRECINCT 3	PACKET 32 PACKET 33 LAYER 1 RESOLUTION LEVEL 2 RESOLUTION LEVEL COMPONENT 2 COMPONENT 2 PRECINCT 1 PRECINCT 1
PACKET 2 LAYER 0 RESOLUTION LEVEL COMPONENT 2 PRECINCT 0 PACKET 8 LAYER 0 RESOLUTION LEVEL COMPONENT 0 PRECINCT 2	PACKET 14 LAYER 0 EL 2 RESOLUTION LEVEL COMPONENT 2 PRECINCT 0	PACKET 20 LAYER 1 0 RESOLUTION LEVEL COMPONENT 2 PRECINCT 0	PACKET 26 LAYER 1 2 RESOLUTION LEVEL 2 COMPONENT 0 PRECINCT 2	PACKET 32 LAYER 1 2 RESOLUTION LEVEL COMPONENT 2 PRECINCT 1
PACKET 1 LAYER 0 RESOLUTION LEVEL COMPONENT 1 PRECINCT 0 PACKET 7 LAYER 0 ZESOLUTION LEVEL COMPONENT 0 PRECINCT 1	SNILEV NT 1	PACKET 18 DAYER 1 LAYER 1 RESOLUTION LEVEL 0 COMPONENT 0 COMPONENT 1 PRECINCT 0 PRECINCT 0	PACKET 25 LAYER 1 2 RESOLUTION LEVEL COMPONENT 0 PRECINCT 1	PACKET 30 PACKET 31 EAYER 11 RESOLUTION LEVEL 2 RESOLUTION LEVEL COMPONENT 1 COMPONENT 1 PRECINCT 2 PRECINCT 3
	PACKET 12 LAYER 0 RESOLUTION LEVEL COMPONENT 1 PRECINCT 2	PACKET 18 UAYER II RESOLUTION LEVEL COMPONENT 0 PRECINCT 0	PACKET 24 [LAYER RESOLUTION LEVEL COMPONENT 0 PRECINCT 0	PACKET 30 LAYER (1 RESOLUTION LEVEL COMPONENT 1 PRECINCT 2
LRCP		`/	`~/	`~/

FIG 15

	(E)	\	\	\	`
PACKET 4 PACKET 5 RESOLUTION LEVEL 0 LAYER 1 COMPONENT 1 COMPONENT 2 PRECINCT 0 PRECINCT 0	PACKET 11 RESOLUTION LEVEL 1 LAYER 1 COMPONENT 2 PRECINCT 0	PACKET 14 PACKET 15 PACKET 17 2 RESOLUTION LEVEL 2 LAYER 0 LAYER 0 LAYER 0 COMPONENT 0 COMPONENT 1 COMPONENT 0 COMPONENT 1 COMPONENT 1 PRECINCT 2 PRECINCT 3 PRECINCT 0	PACKET 20 PACKET 21 PACKET 22 RESOLUTION LEVEL 2 RAYER 0 LAYER 0 COMPONENT 2 COMPONENT 2 COMPONENT 2 PRECINCT 3	PACKET 26 PACKET 28 PACKET 29 2 RESOLUTION LEVEL 2 RESOLUTION LEVEL 2 2 RESOLUTION LEVEL 2 RESOLUTION LEVEL 2 CAYER 1 LAYER 1 COMPONENT 0 COMPONENT 1 COMPONENT 1 COMPONENT 1 PRECINCT 2 PRECINCT 3	PACKET 33 RESOLUTION LEVEL'2 RESOLUTION LEVEL'2 LAYER 1 LAYER 1 COMPONENT 2 COMPONENT 2 PRECINCT 2 PRECINCT 3 PACKET 35 PACKET
	PACKET 10 I RESOLUTION LEVEL ILAYER 1 COMPONENT 1 PRECINCT 0	PACKET 16 2 RESOLUTION: LEVEL: 1 LAYER: 0 COMPONENT 1 PRECINCT 0	PACKET 22 RESOLUTION LEVEL: LAYER:0 COMPONENT 2 PRECINCT 2	PACKET 28 2 RESOLUTION LEVELS COMPONENT 1 PRECINCT 0	PACKET 34 2 RESOUUTION LEVEL LAYER 1 COMPONENT 2 PRECINCT 3
PACKET 2 PACKET 3 O RESOLUTION LEVEL 0 LAYER 0 COMPONENT 2 COMPONENT 0 PRECINCT 0 PRECINCT 0	PACKET 9 RESOLUTION LEVEL LAYER 1 COMPONENT 0 PRECINCT 0	PACKET 15 2 RESOLUTION LEVEL LAYER 0 COMPONENT 0 PRECINCT 3	PACKET 21 2 RESOLUTION LEVEL LAYER 0 COMPONENT 2 PRECINCT 1	PACKET 27 RESOLUTION LEVEL LAYER 1 COMPONENT 0 PRECINCT 3	PACKET 33 2 RESOLUTION LEVEL LAYER 1 COMPONENT 2 PRECINCT 2
PACKET 2 RESOLUTION LEVEL LAYER 0 COMPONENT 2 PRECINCT 0	PACKET 8 I RESOLUTION LEVEL 1 COMPONENT 2 PRECINCT 0	PACKET 14 RESOLUTION LEVEL'S LAYER 0 COMPONENT 0 PRECINCT 2	PACKET 20 RESOLUTION LEVEL 1 LAYER 0 COMPONENT 2 PRECINCT 0	PACKET 26 RESOLUTION LEVELS LAYER 1 COMPONENT 0 PRECINCT 2	PACKET 32 2 RESOLUTION LEVEL/2 LAYER 1 COMPONENT 2 PRECINCT 1
	100000000000000000000000000000000000000	Section Section	36236-44 12839924	PACKET 25 RESOLUTION LEVEL 2 LAYER 1 COMPONENT 0 PRECINCT 1	
PACKET 0 PACKET 1 RESOLUTION LEVEL 0 RESOLUTION LEVEL LAYER 0 LAYER 0 COMPONENT 0 COMPONENT 1 PRECINCT 0 PRECINCT 0	RESOLUTION LEVEL 1 RESOLUTION LEVEL LAYER:0 COMPONENT 0 COMPONENT 1 PRECINCT 0 PRECINCT 0	PACKET 12 RESOLUTION LEVEL 2 RESOLUTION LEVEL LAVER 0 COMPONENT 0 COMPONENT 0 PRECINCT 0	PACKET 18 RESOLUTION-LEVEL 2 RESOLUTION LEVEL LAYER:0 COMPONENT 1 COMPONENT 1 PRECINCT 2 PRECINCT 3	PACKET 24 RESOLUTION LEVEL 2 RESOLUTION LEVEL LAYER 1 COMPONENT 0 COMPONENT 0 PRECINCT 0 PRECINCT 1	PACKET 30 PACKET 31 RESOLUTION LEVEL 2 RESOLUTION LEVEL LAYER 1 COMPONENT 1 COMPONENT 1 PRECINCT 2 PRECINCT 3
RLCP					

FIG.16

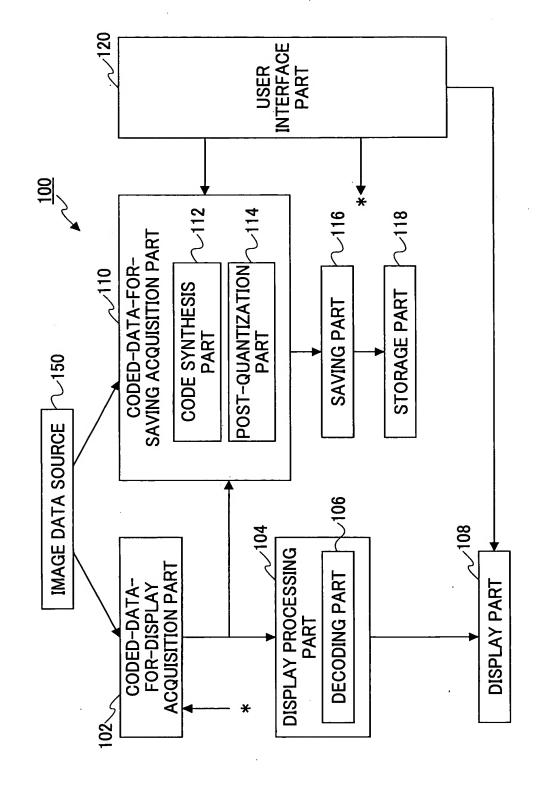


FIG.17

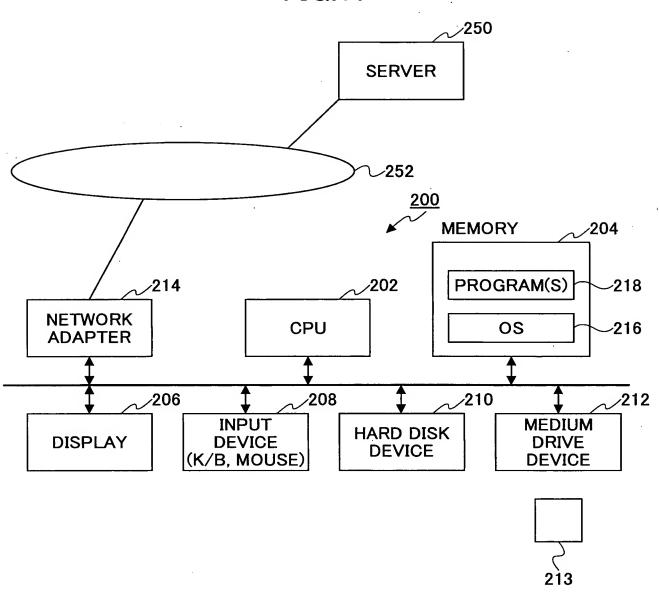
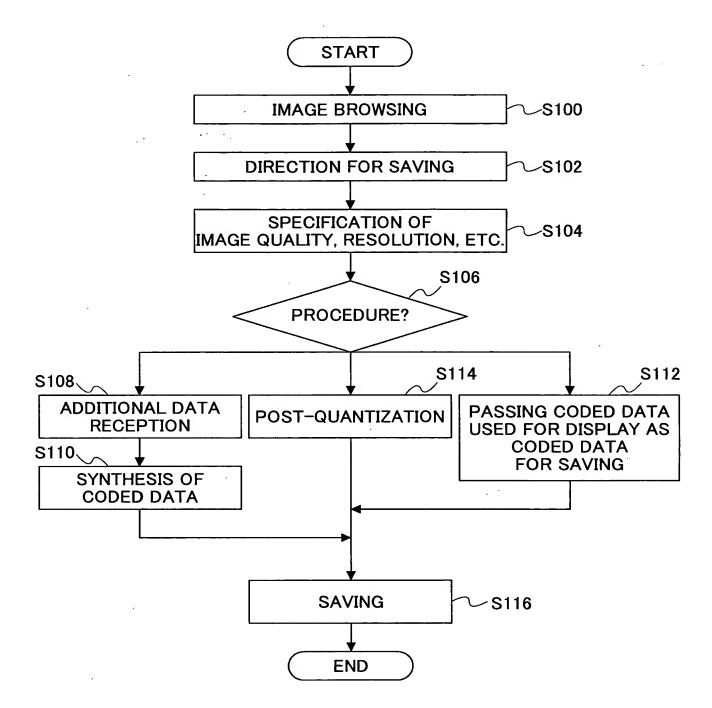


FIG.18



OPRESENT IMAGE QUALITY
OECONOMY IMAGE QUALITY

OPRESENT RESOLUTION OECONOMY RESOLUTION

COMPONENT OALL (BRIGHTNESS, COLOR DIFFERENCE)

©PRESENT COMPONENT

OBRIGHTNESS ONLY

OCOLOR DIFFERENCE BLUE ONLY OCOLOR DIFFERENCE RED ONLY

AREA OALL AREAS

OPRESENT AREAS

OCENTER ONLY

FRAME OALL FRAMES

ONUMBER OF PRESENT FRAMES

OFRAME REDUCTION

END OF SPECIFICATION

FIG.20

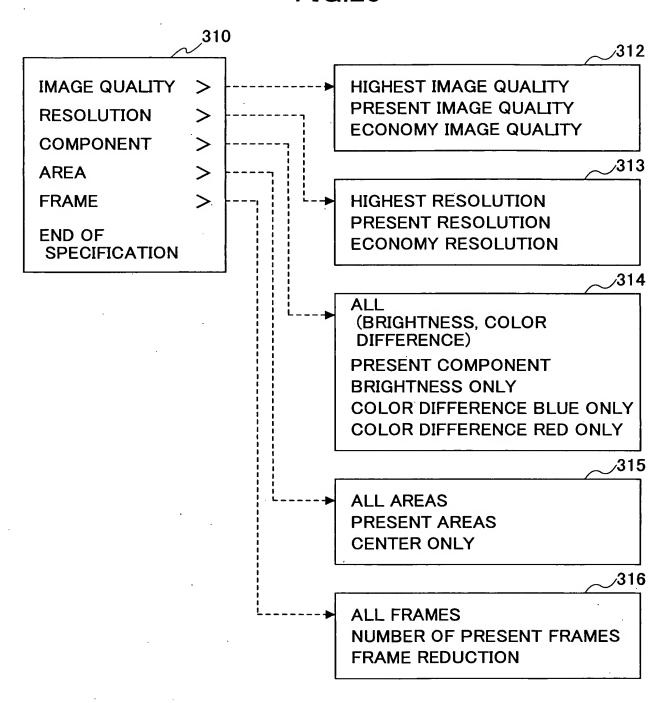


FIG.21

